RESEARCH AND DEVELOPMENT, NEUCHATEL - QUARTERLY REPORT

DIVISION : RESEARCH

SUBJECT TITLE : CF-SURVEY

PERIOD COVERED : OCTOBER - DECEMBER 1988

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KEYWORDS : cf, cf-survey, eec, eema

OBJECTIVE
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To perform a regular survey on the use of CF in brands of the EEC and EEMA regions.

RESULTS
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The CF-survey was performed on leading brands, plus Camel and Winston, bought in 1988 on the market of 30 different countries [1]. 367 brands were analysed altogether.

EEC region

117 brands were analysed. CF was detected in 8 brands in amounts from 5 to 34 ppm. As compared to 1987 survey, no change was observed.

EEMA region

226 brands were analysed. CF was detected in 59 brands in amounts from 3 to 53 ppm. The values found in 1988 are in line with the values of previous surveys. CF was removed from 7 brands : Gold Coast (Bahrain); Camel 80/F, Salem Light Menthol and Winston (Sweden); Camel Light, Camel Mild and Dunhill Special Light (Switzerland).

Portugal and Spain

Twenty-four brands were analysed. After 1986 CF was found again in 2 brands sold in Portugal (CT and Provisorios). The amounts are comparable with those of 1986.

Results are summarized in Tables 1 to 3.

REFERENCE
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[1] Renaud-J.-M., Report CF-Survey 1988, December 8, 1988.

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Source: https://www.industrydocuments.ucsf.edu/docs/jqnm0000

TABLE 1 : CF DETERMINATION BY BRAND/COUNTRY

COUNTRY	Nb. OF BRANDS ANALYSED	Nb. OF BRANDS CONTAINING CF	CONCENTRATION RANGE (ppm)
REGION EEC			
Austria	11	-	-
Belgium	10	-	-
France	11	-	-
Germany West	14	-	-
Greece	12	1	13
Israel	11	3	5 - 34
Italy	12	1	22
Malta	12	-	-
Netherlands	11	3	11 - 29
United Kingdom	13	-	-
REGION EEMA			
Algeria	6	1	18
Bahrain	11	-	-
Czechoslovakia	9	4	7 - 21
Denmark	10	6	9 - 19
Dubai	11	3	5 - 15
Egypt	10	4	9 - 39
Finland	11	2	7 - 12
Hungary	8	-	-
Morocco	10	2	3 - 6
Norway	14	11	3 - 31
Oman	11	2	3 - 25
Saudi Arabia	13	2	11 - 27
South Africa	10	2	19 - 44
Sweden	17	13	4 - 53
Switzerland	45	7	6 - 31
Tunisia	10	-	-
Turkey	12	-	-
Yugoslavia	8	-	-
Other			
Portugal	13	2	6 - 12
Spain	11	-	-

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TABLE 2 : CF IN FILLER OF CIGARETTES FROM EEC REGION, SUMMARY 1983 TO 1988

Only brands listed where CF was found in the years 1983 to 1988

COUNTRY	BRAND NAME	SIZE	CF (ppm) 1983	1985	1986	1987	1988
Belgium	Kent	80/F	*	3	nd	*	*
France	Camel	79/F	*	*	*	*	nd
	Camel Mild	84/F	20	25	nd	*	nd
	Winston	79/F	*	*	*	*	nd
	Winston Light	80/F	*	2	nd	*	nd
Germany West	Lord Ultra	84/F	*	27	23	nd	nd
	SL	84/F	*	23	22	nd	nd
	R1	84/F	*	6	nd	nd	nd
Greece	Oscar	100/F	*	*	12	11	13
	Vantage	84/F	14	19	nd	nd	nd
Israël	Broadway	80/F	*	*	26	25	22
	Europa	80/F	*	*	53	38	34
	Montana Menthol	100/F	*	*	8	4	5
	Royal	80/F	*	*	2	nd	nd
Italy	Colombo	84/F	*	*	31	18	22
	R6 Ultra	84/F	*	3	6	nd	*
	Stop	80/F	*	*	1	nd	nd
	Winston	80/F	*	19	nd	nd	nd
Netherlands	Barclay	84/F	*	*	1	nd	nd
	Caballero	84/F	nd	nd	1	nd	nd
	Caballero	69/NF	*	*	14	12	16
	Mantano	69/NF	*	*	27	24	29
	Mantano	84/F	*	*	*	11	11
Portugal	CT	83/F	*	*	10	nd	12
	Provisorios	65/NF	*	*	2	nd	6

nd = not detectable, detection limit approx. 1 ppm
* = no sample received

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TABLE 3 : **CF IN FILLER OF CIGARETTES FROM EEMA REGION, SUMMARY 1983 TO 1988**

Only brands listed where CF was found in the years 1983 to 1988

COUNTRY	BRAND NAME	SIZE	CF (ppm) 1983	1985	1986	1987	1988
Algeria	Rym	82/F	*	*	18	*	18
Bahrain	Camel	69/NF	*	*	*	23	*
	Cleopatra 100'S	99/F	*	*	*	63	*
	Gold Coast	79/F	*	*	*	21	nd
Czechoslovakia	Clea	85/F	*	*	*	*	7
	Petra	85/F	*	*	*	28	21
	Sparta	84/F	*	*	*	*	8
	Winston	79/F	*	*	*	*	7
Denmark	Look Light	100/F	*	11	17	11	13
	Look Super	100/F	*	19	21	26	19
	Prince of Blends	84/F	*	*	9	8	10
	Prince 100's	100/F	*	8	9	9	9
	Prince Light	84/F	*	*	7	8	10
	Prince Light 100's	100/F	*	*	*	*	10
Dubai	Charms	84/F	*	*	*	*	4
	Cleopatra Luxe	98/F	*	*	*	*	15
	Wills	83/F	*	*	*	*	5
Egypt	Belmont 100'S	98/F	*	*	*	15	35
	Cleopatra King Size	85/F	*	*	10	39	20
	Cleopatra Light	84/F	*	*	*	9	*
	Cleopatra 100's	100/F	*	*	17	36	34
	Cleopatra Luxe	100/F	*	*	31	30	9
Finland	Colt International	80/F	*	7	4	*	7
	Colt Kings	84/F	9	5	nd	*	*
	Colt Light	80/F	13	14	13	*	12
	Colt Long Size	80/F	*	7	nd	*	*
	Kent	80/F	10	5	nd	*	nd

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TABLE 3 : CF IN FILLER OF CIGARETTES FROM EEMA REGION, SUMMARY 1983 TO 1988 (contd)

Only brands listed where CF was found in the years 1983 to 1988

COUNTRY	BRAND NAME	SIZE	CF (ppm) 1983	1985	1986	1987	1988
Kuwait	Cleopatra Light	84/F	*	*	*	5	*
	Cleopatra Luxe	98/F	*	*	*	33	*
	Cleopatra 100'S	99/F	*	*	*	43	*
Morocco	Best King Size	80/F	*	*	*	*	3
	Koutoubia	80/F	*	6	*	*	6
Norway	Biltmore Light	84/F	*	*	*	*	3
	Biltmore Full Flavor	84/F	*	*	*	*	5
	Blend	85/F	*	8	7	*	*
	Camel	69/NF	*	*	*	13	31
	Camel	80/F	*	*	3	nd	nd
	Dunhill	84/F	*	*	*	7	6
	Dunhill Special Light	85/F	*	6	6	9	*
	Dunhill Superior Light	84/F	*	*	*	*	11
	Montana	84/F	*	19	20	17	*
	Pall Mall	84/F	*	10	15	13	21
	Pall Mall	84/NF	*	*	18	16	18
	Pall Mall Extra Mild	84/F	*	15	18	14	16
	Pall Mall Mild	84/F	*	15	17	14	15
	Prince of Blends	84/F	*	6	8	8	10
	Prince Mild	84/F	*	6	8	9	10
	Winston	80/F	*	*	20	*	*
Oman	Charms	83/F	*	*	*	*	3
	Cleopatra	84/F	*	*	*	*	25
Saudi Arabia	Carlton 100's	100/F	*	2	*	*	*
	Cleopatra	100/F	*	*	28	*	27
	Cleopatra Lights	84/F	*	*	*	*	11
South Africa	Camel	84/F	*	4	nd	*	*
	Gold Dollar	84/F	*	*	70	*	*
	Gunston	80/F	*	26	40	*	44
	Lexington	80/F	*	19	14	*	19
	Revere	84/F	*	*	13	*	*

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TABLE 3 : CF IN FILLER OF CIGARETTES FROM EEMA REGION, SUMMARY 1983 TO 1988 (contd)

Only brands listed where CF was found in the years 1983 to 1988

COUNTRY	BRAND NAME	SIZE	CF (ppm) 1983	1985	1986	1987	1988
Sweden	Blend	80/F	7	6	7	9	10
	Blend Extra	80/F	20	19	23	29	28
	Blend Menthol	80/F	*	*	7	8	11
	Blend Ultra	80/F	40	45	52	45	53
	Blend Ultra Menthol	80/F	*	*	42	50	53
	Camel	80/F	*	*	2	1	nd
	Camel	69/NF	*	*	26	21	25
	Commerce	67/F	*	*	3	2	5
	Commerce	67/NF	*	*	3	1	5
	Commerce Light	67/F	*	*	3	1	4
	John Silver	84/F	*	*	3	3	4
	Prince of Blends	84/F	8	6	6	7	8
	Prince (box)	80/F	*	*	*	*	6
	Prince Light	84/F	*	5	7	7	8
	Salem Light Menthol	80/F	*	*	30	24	nd
	Winston	80/F	*	*	3	11	nd
Switzerland	Camel	69/NF	*	*	*	26	31
	Camel	80/F	*	18	22	21	21
	Camel	84/F	*	23	31	26	23
	Camel Double Filtre	80/F	*	21	24	22	17
	Camel Light	80/F	7	7	9	*	nd
	Camel Mild	80/F	nd	10	5	2	nd
	Dunhill Special Light	84/F	*	*	8	7	nd
	Gallant	84/F	16	9	*	nd	nd
	Gallant Trend	84/F	*	12	nd	nd	nd
	HB	84/F	*	20	nd	nd	nd
	Peter Stuyvesant Ultra	84/F	*	*	5	3	6
	Select Mild Aroma	84/F	*	22	27	18	24
	Winston	84/F	*	22	28	24	28
United Arab Emirates	Camel	69/NF	*	*	*	28	*
	Cleopatra 100'S	98/F	*	*	*	114	*

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